

Message Text

UNCLASSIFIED

PAGE 01 TOKYO 07478 261050Z
ACTION OES-07

INFO OCT-01 EA-12 ISO-00 COME-00 CIAE-00 INR-10
NSAE-00 EB-08 /038 W
-----056815 261313Z /64
R 261028Z APR 78
FM AMEMBASSY TOKYO
TO SECSTATE WASHDC 7418

UNCLAS TOKYO 07478

FOR OES/APT/SA; INR/OIL
DEPT. PASS TO DEPT. OF COMMERCE

E.O. 11652: N/A
TAGS: TECH, EQUIP, JA
SUBJECT: DEVELOPMENT OF 128 KBIT VLSI ROM

NIPPON TELEPHONE AND TELEGRAPH HAS ANNOUNCED DEVELOPMENT
OF 128 KBIT READ-ONLY MEMORY (ROM) VLSI. CHIP SIZE IS
ABOUT 21 SQUARE MILLIMETERS AND ONE CHIP CAN STORE 460
CHINESE CHARACTERS (KANJI). ELECTRON BEAM LITHOGRAPHY
WAS USED TO APPLY CIRCUITRY TO CHIP, ACCORDING TO REPORTS.
MANSFIELD

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: Z
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: INDUSTRIAL DEVELOPMENT, TELEPHONES, ELECTRIC EQUIPMENT
Control Number: n/a
Copy: SINGLE
Draft Date: 26 apr 1978
Decaption Date: 20 Mar 2014
Decaption Note: 25 YEAR REVIEW
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978TOKYO07478
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780178-0455
Format: TEL
From: TOKYO
Handling Restrictions:
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780413/aaaaakeh.tel
Line Count: 38
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: c350bda6-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: UNCLASSIFIED
Original Handling Restrictions: ONLY
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 1
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: ONLY
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 29 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2836452
Secure: OPEN
Status: NATIVE
Subject: DEVELOPMENT OF 128 KBIT VLSI ROM NIPPON TELEPHONE AND TELEGRAPH HAS ANNOUNCED DEVELOPMENT OF 128 KBIT READ-ONLY MEMORY (ROM) VLSI. CHIP SIZ
TAGS: TECH, EQUIP, JA, NIPPON TELEPHONE & TELEGRAPH CO
To: STATE
Type: TE
vdkgvkey: odbc://SAS/SAS.dbo.SAS_Docs/c350bda6-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014